



JAMES A. LOVELL, JR.
Commander



FRED W. HAISE, JR.
LM Pilot



JOHN L. SWIGERT, JR.
CM Pilot

★ Apollo 13: third mission to the moon

The countdown continued as scheduled Friday afternoon for the third U.S. manned lunar landing. The mission is planned to explore the Fra Mauro region, a hilly upland region of the Moon, and bring back rocks perhaps five billion years old.

The decision to continue the countdown came Friday afternoon, when it was announced that astronaut John L. Swigert, Jr., would replace crew member Thomas K. Mattingly III on the flight.

While blood samples from astronauts Lovell, Haise and Swigert indicated that they were immune to Rubella ("German Measles"), to which all the astronauts had been exposed, Mattingly did not exhibit this immunity. He was replaced by astronaut Swigert in order to preclude the possibility that he might become ill during the flight.

The Apollo 13 lunar module will stay on the Moon more than 33 hours and the landing crew will leave the spacecraft twice to emplace scientific experiments on the lunar surface and to continue geological investigations.

Two Tests for the seismometer

The empty third stage of the Saturn V launch vehicle will be targeted to strike the Moon before the lunar landing and its impact will be recorded by the seismometer left by the Apollo 12 astronauts last November. The spent LM ascent stage, as in Apollo 12, will be directed to impact the Moon after rendezvous and final LM separation to provide a signal to both seismometers.

Additional hover time

The Apollo 13 flight profile in general follows those flown by Apollos 11 and 12 with one major exception: lunar orbit insertion burn no. 2 has been combined with descent orbit insertion and the docked spacecraft will be placed into a 7 x 57 nautical mile lunar orbit by use of the service propulsion sys-

tem. LM descent propellant is conserved by combining these maneuvers to provide 15 seconds of additional hover time during the landing.

Mission timeline

Liftoff was scheduled for 1:13 p.m. CST. Lunar surface touchdown is scheduled to take place at 8:55 p.m. CST April 15. Two periods of EVA are planned at 1:13 am and 8:58 pm CST April 16. The LM ascent stage will lift off at 6:22 am April 17 to rejoin the orbiting command module after more than 33 hours on the lunar surface.

Apollo 13 will leave lunar orbit at 12:42 pm CST April 18 for return to Earth. Splashdown in the mid-Pacific just south of the Equator will be at 2:17 pm CST, April 21.

After the spacecraft has landed, the crew will put on clean coveralls and filter masks passed in to them through the hatch by a swimmer, and then transfer by helicopter to a Mobile Quarantine Facility (MQF) on the USS Iwo Jima. They will be placed aboard a C-141 aircraft for the flight back to the Lunar Receiving Laboratory at MSC.

★ Purser retires after 30 years

MSC Director Robert R. Gilruth has announced the retirement of his Special Assistant, Paul E.



Paul E. Purser

Purser. Purser retired last Friday after more than 30 years of service to NASA and its predecessor, the National Advisory Committee for Aeronautics (NACA).

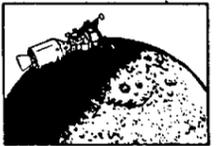
Dr. Gilruth commented in the announcement on the contributions which Purser has made to the success of the manned space flight program and to the Center's relationship with the nation's colleges and universities, especially in the field of engineering education.

Since September, 1968, Mr. Purser has been on a leave of absence from MSC to assist Dr. Philip G. Hoffman, President of the University of Houston.

ROUNDUP

NASA MANNED SPACECRAFT CENTER

HOUSTON, TEXAS



VOL. 9 NO. 12

APRIL 13, 1970

★ Apollo 11 will be "re-launched"

Next Friday the Apollo 11 "Eagle" will begin a 13 month tour of the capitals of all 50 states in the Union. The trip will begin in Sacramento, California, and finish in Juneau, Alaska in May 1971.

The van which will carry Apollo 11 is of a unique design; its 14' enclosed width expands to a width of 24 feet to accommodate a ramp on either side of the van, so that displays may be viewed from both sides. The van was built by the MSC Exhibits section of the Special Events office of Public Affairs.

In addition to the Command Module itself, the traveling display will feature a 1/2 pound hunk of lunar rock, the actual space

suits worn by the three Apollo 11 astronauts, and numerous displays of hardware from the flight.

The Apollo Spacecraft Program Office worked closely with the Public Affairs Office to assure that the spacecraft remained as

much as possible in "as recovered" condition. Only the necessary post-flight analyses were performed on the capsule. ASPO also cooperated in contributing the actual flight articles which make up the display.



★ But Ma - Can't I have peanut butter?

Yes, now the astronauts can have peanut butter and jelly, too. Glenda Lawrence holds a piece of the bread which will be available on Apollo 13—no water to add, no squeezing out of a tube. The astronauts will have a choice of five sandwich spreads: chicken, ham, tuna salad, cheese, jelly, and good old peanut butter.

MSC officials to speak at Conference

The Shamrock Hilton will be the scene of a joint AIAA/ASCE conference, to be held Wednesday through Friday, April 15-17.

The theme of the conference will be "Engineering for the Space Environment."

Dr. Max Faget, Director of the Engineering & Development Directorate, will preside over the first technical session, entitled "Space Transportation." During this session, held Wednesday morning, three papers will be presented by MSC engineers; Carl Peterson: "The Earth Shuttle"; Marion Kitchens: "The Space Tug"; and David Brown: "The Nuclear Shuttle".

John D. Hodge will be the Luncheon speaker at noon, on "Space Program for 1970-1980".

At the third technical session, held Thursday, Anthony Calio, Di-

rector of the Science and Applications Directorate, will preside. Two other MSC officials will present papers: James H. Sasser: "Lunar Site Selection Process"; and Dr. Robin Brett: "Scientific Findings of the Apollo 11 and 12 Missions".

Dr. Edgar M. Cortright, Director of the NASA Langley Research Center, will speak at the Thurs-

day night banquet. His topic will be "Aerospace is Relevant".

All interested persons are invited to attend the conference. The \$15 registration fee covers all technical sessions. Additional charges will be made for the luncheon and banquet.

Call Gene Rice, x2586, for registration information.

Braun defeats Brains ---but not by much

The MSC "Allstars" took the lead early in the benefit game played with the Houston Oilers' basketball team on March 21. When the final whistle sounded, however, the Oilers had a five-point advantage. Final score: Oilers 130; Allstars 125.

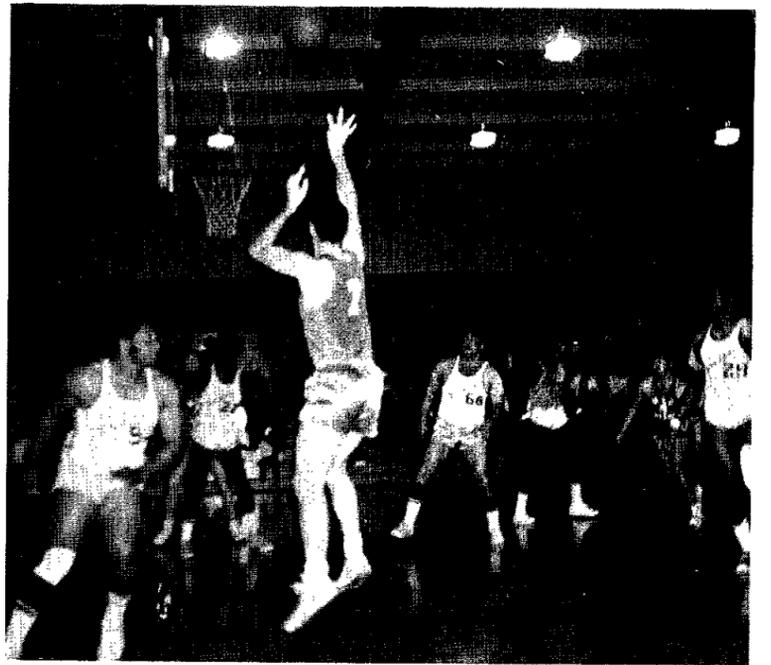
While we would never accuse the Oilers of seeming to relish the contact aspects of even non-contact sports or of attempting physical intimidation of their opponents (that might sound like bad sportsmanship), let it be noted that the

Oilers are primarily a football team. Football is not noted for emphasizing the social amenities.

In all fairness, the box-score does show that fouls were incurred in quantity by *both* sides.

In any event, the game was the best of its kind to be seen this season.

Will there ever be a next time? "As far as our guys are concerned there will be," says Allstar coach Dick Reid. We're ready to go right now!"



Harold Conway (7), of the MSC Allstars, maintains his cool as burly Garland Boyette (52) and Sonny Bishop (66) delay a minute too long to block the shot.

(Photo by Ken Young)

Oilers - Allstar Box Score

ALLSTARS				OILERS			
	fg	ft	tp		fg	ft	tp
Shennahan	11	17	6	Houston	8	5	5
Woodfill	5	1	6	Peacock	5	3	6
Bruce	10	3	5	Davis	3	2	2
Kruse	4	0	2	Moore	16	8	5
Morrey	3	4	4	Frazier	5	3	6
Ricks	3	1	6	Bishop	0	2	2
Neal	2	6	3	Zaske	2	4	3
Conway	4	8	4	Boyette	1	0	2
Cordiner	0	1	0	Atkins	10	3	3
				1st	2nd	3rd	4th
Stars	35	28	30	32	125		
Oilers	30	38	31	31	130		

Ladies Softball

Any ladies interested in playing on an MSC Ladies softball team please contact Anne Kinney, x3291.

So you think model trains are just for Xmas

Odds are that you think that any man who would invest 6 years, over \$2000, his 2-car garage, and the equivalent of more than three full work days every week in a bunch of miniature

trains must be a little kookie, right? You think his wife and children must be wringing their hands, wishing Dear Dad would come in and say hello once in a while?

You'll be surprised to learn, then, that you are mistaken.

Charles T. Essmeier, of the MSC Systems Branch of Flight Operations, owns the HO scale (1/87th actual size) model railroad shown in these pictures, and he's perfectly normal.

Some of the trains are owned by other R. R. buffs, and sometimes other guys interested in the artwork of the background will drop over to work on the plaster-of-paris mountains or chalk drawings which make up the backdrop. One night a week, usually Tuesday, they get together to run the trains. At least one other night each week is spent working on the trains: wiring, building scenery and architecture. In all, about 25 hours are put in on the trains each week.

Charlie himself enjoys the work sessions most. "It's amazing what

you can do with a little plaster and a paper bag", he says. He spent over 100 hours constructing a station-house from wood, glue, paint, and old Tareyton cigarette cartons (he used the colored strips to trim the station). The mountainous landscape is made of over 1200 pounds of plaster mixture, coating grocery bags and cardboard. When the "mountains" are dry, chalk is used to color them and define gullies, gorges, and peaks. The job requires a bit of geological know-how, to make the eroded mountainsides realistic.

Charlie comes from Colorado, though, so knowing how the mountains should look is no problem.

The layout also includes 2 mines, 20-40 bridges and culverts (most done to scale from actually existing bridges), including examples of almost every type of

railroad bridge, some 20 tunnels, 7 stations, and 7 engines. An earlier version also included a waterfall, but this has been removed.

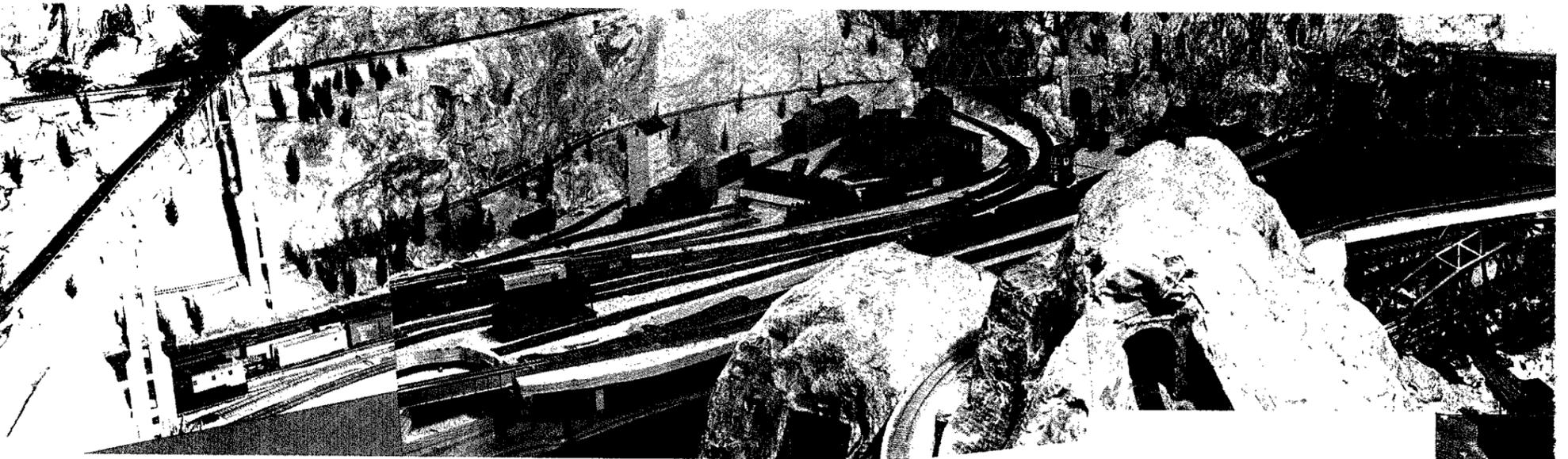
All of Charlie Essmeier's engines except one are replicas of steam engines. The oldest train which he has reproduced is an 1880's model of a complete passenger car lineup. His most expensive engine is a Great Northern 2882 ("In 1925 it was the most powerful thing on the rails"), which cost him \$200. Another hobby-ist, Nate Adams goes in for diesels, and has some painstakingly duplicated models—down to the wind-shild wipers—which he runs on Charlie's board.

The entire set-up covers an area 24' x 20' square. It takes up the entire two-car garage. 20 minutes are required to run a train from one corner to the opposite corner, as the train



Mrs. Essmeier's favorite train is this 1940's logging shay—a train still in use today.

photo by C. Essmeier



Roundup Swap-Shop

(Deadline for Swap-Shop classified ad is Thursday of the week preceding Roundup publication date. (8 days before publication). Ads are limited to MSC civil service employees and assigned military personnel. Maximum length is 15 words, including name, office code and home telephone number. Send ads in writing to Roundup Editor, AP3.)

PETS

Cute Siamese kittens, 8 weeks old, \$15, 482-7883

English Setter, 1 yr. old, with papers, shots, \$70 or trade for large camping tent, x5349, Neily

AKC Miniature Schnauzer, 9-wk old male, wormed, \$100, 591-2366

Black mare, 9 years old, excellent saddle horse, Tenn. Walker, thoroughbred, \$250 w/saddle, bridle, etc., 877-4198, Dornbach

Kittens free to good homes, males and female, white, black tiger-striped, 482-2091 after 5:30 p.m.

AKC Dalmation puppies, champion sired, pet or show, \$50 and up, x3888, Wallin, or 487-3590.

MISCELLANEOUS

Classical guitar, excellent action and tone, \$45, 649-4872 after 6.

21' MFG Carousel, 160 hp Mercuriser with tandem trailer, used 21 hours, cost \$8k, sell for \$4500, 488-0571, Calmes

Piano, full keyboard, upright, factory select quality, beautiful lacquer, \$300, 471-2856, Peck

Full auburn color human hair wig, recently shaped, worn once, cost \$60, sell \$25, 932-5292

Stoeger Luger 22 cal automatic pistol, brand new, \$60; also guitar with carrying case and extra set of strings, excellent condition, \$45, x2801, Randall, or 932-3884

14' sailboat, fiberglass, cabin, 2 bunks, equipment includes anchor,

compass, electrical system, cushions, etc., \$1000 with trailer, x2848, Cree, or 487-1158

Flight instruction and flight time, C-150, \$9/hr solo, \$14 dual, 488-0522, Steele

Spanish couch, 8', new, \$350 (cost \$550); also antique high-back chair, perfect, \$65; Queen couch, perfect condition, \$75; 649-2569

15' fiberglass ski boat, 40 hp motor, trailer, skis, hardtop, other accessories, \$800 or trade for camping trailer, 471-4653, Henderson

MGB wire wheels, \$15; bucket seats, \$25; toneau, \$5; 15' refrigerator, \$80, 487-4190, Cox

Five antique bowl and pitcher sets; 2 brass antique fireplace sets, 487-0126, Benson, from 4 to 9 pm

Pair french doors, stained, sealed, varnished, with hdwr, \$35; also large ceiling fan, complete, \$35; chrome trailer hitch for '64 Ford Galaxie, \$5; Homemade patch quilts, twin or double, dacron lined, \$25 up; x6161, Hill, or 471-4305

FM-stereo multiplex adapter, 482-1558, Linbeck

Tan wash-n-wear dress slacks, 34/31, \$3; blue & white school jacket, \$3; pair white Pedwin band shoes, 7N, \$3; tan wool sport jacket, size M, \$3; red fox fur jacket, \$15; Boy Scout back pack, frame, \$6; tent pole, stakes, \$15, used twice, 591-3992, Snedecor

Golf cart, bag, 1,3,4 woods, 3,5,7,9 irons, wedge, putter and 12 new

balls, \$60; also 3-way exercise bike, new condition, \$30, x3516, Jones

Piano, Janssen, walnut, excellent condition, less than 1/2 of new price, x4926, Goodrick

3 1/2 hp outboard motor, \$30; camper cover for Datsun pickup, \$60, x3731, McComb

Metal wardrobe closet (72"x42"x21"), will lock, trade for one 66" or less, or may sell, 932-5134, Pope

Bunk beds, complete with mattresses, \$40, 877-1419, Baird
2-speed Wollensak (3M) stereo tape recorder/player, \$75, x3541, Cason

14' Sunfish, blue w/yellow sail, \$300, x4321, Lang, or 488-5147

Lido 14 sailboats used, \$1300 to \$1500, 877-3366, Hoover

14' Glastron ski boat (fiberglass), 90hp Johnson, trailer, complete ski accessories, \$950, 591-2806, Davis

Mobile home, 44'x12', 2 b.r., small equity + \$69 month, x5548, Harris, or 488-1003.

8x16' tent including bag, used 3 days, \$98 value for \$67.50, 946-7887, Yancey.

18' fiberglass centerboard sloop, sleeps 2, w/sails, trailer, cushions, many extras, perfect condition, x4713, Williams, or 474-3954

Canopy bed, mattress, springs, like new, full-size maple, \$80, 932-2077, Redding

14' Flying Jr. sloop sailboat, trailer, excellent condition, \$750, x3946, Babb, or 474-2791

G.E. air conditioner, 19k btu room, used 4 summers, good condition, \$100, x7372, Norris, or 877-2649

Apache Eagle camping trailer, sleeps four, with spare tire and aluminum road cover, very good condition, \$500, RE4-2711, Gaudiano

Lido sailboat, trailer, good condition, \$1200, x6156, Palmer, or 932-3144

Freidrich air conditioner, 3-ton window unit, used 1/2 season, \$250 or best offer, x5431, Elder, or 946-9192

AUTOMOBILES

59 Triumph (TR3), excellent engine, needs body work, no rust,

in mind? First, a complete set of all the steam engines, and a set of passenger trains, including one each from 1880, 1910, and 1930. "Then maybe I'll move into diesels."

And his wife? She likes the hobby, too. "When I was in model remote-control airplanes I was always away at a show somewhere."

x2714, Lockridge, or 591-2628

54 Rambler American, 2-dr, good condition, \$200, 488-0275

64 Impala 4-dr hdt, V-8, air, automatic, power steering, \$685, 471-0716, McCown

63 Galaxie XL fastback, automatic, factory air, power steering, radio, very good condition, \$650, x5576, Lucas, or 482-3592 after 5.

63 Buick Skylark hdt, pwr steering, automatic, factory air, bucket seats, \$695, 472-6230, Hebert, after 6pm.

67 TR-4A, dark green, extras, low mileage, good condition, excellent tires, x6161, Hill, or 471-4305

65 Chevrolet SS, coupe, V8, automatic, air, power steering, excellent mechanical condition, \$1200, 488-5433, Milhoan

65 Ford 390 Galaxie convertible, power, air, am/fm, good top, runs well, \$695, 877-4198, Dornbach

67 Pontiac Catalina, 2-dr hdt, air, power steering, excellent condition, x2108, Joyce

67 GMC pickup, 6 cyl, wideside, LWB, 28k miles, no rust, x3861, Filippa, or 534-5827

69 Pontiac LeMans, V8, a.c., power steering, excellent condition, \$2695, x5261, Brazil, or 941-2487

68 VW, red, air, am/fm, excellent condition, \$1395, x4751, Tolin, or 479-1408

65 Mustang, red, V8, power, air, one owner, excellent condition, see at 140 Imperial Dr., Friendswood, x4588, Kraft

68 MGB roadster, blue, white-walls, radio, 16k miles, x3312, Lancaster, or 482-3504

REAL ESTATE

6-2 1/2-2, Shoreacres (LaPorte), lots of trees, large den, cost \$35,900, 6% assumption, \$12k equity, 471-1984

1/2 acre wooded lot on Toledo Bend Lake, water & electricity, great fishing & camping, x3731, McComb

4-2 1/2-3, Nassau Bay, contemporary ranch style, corner lot, wooded, 591-2287, Hughes

3-2-2 Nassau Bay townhouse, sale or lease, utility room, deluxe extras, 1-story, 591-2287

4-2 1/2-2 Nassau Bay ranch colonial, 1 1/2 years old, patio, beamed ceiling, fireplace, extras, 7% loan, low equity, 591-4619, Tringali

10 acres hill country, Wimberly, Texas, trees, hills, deer, road frontage, 10% down, 877-1155

WANTED

Reasonably priced piano for Sunday School class, x3751, Braden, or 946-5183, Mrs. Franklin

Cheap, sturdy bunk beds for child, x2031, Davis, or 488-3508

7:30-4 type wishes to enter carpool from Gulfgate area, x5293, Smith

Tent, small stove, lantern, other camping equipment, x7311, Hagan, or 487-2957 after 5

Parakeet cage, excellent condition only, x4191, Davis, or 644-7142

Drivers to join carpool from Baytown, 8:30 to 5, x2994, Carol, or 427-3335



Dramatic camera angles make the train layout really come to life, as in this shot of the great Northern 2882.

photo by E. Marzano

must navigate the equivalent of a 700 foot change in altitude....

This July the Essmeiers will be packing up and moving. Charlie will begin tearing down his elaborate layout about the first of May. That doesn't seem to bother him, though. "The layout I had

before this one was in our bedroom. I just hope that our next house will have a big basement. I'll turn half of it over to the kids and have the other half for myself."

What other changes, besides outright expansion, does he have



Mountains, train yards, depots—this particular garageful of miniature railroading has been growing for 2 1/2 years, at a cost of more than \$2,000.

photo by E. Marzano

Retrievers at MSC for field trials

The two dogs you see here, and about 15 or 20 more from the Lone Star Retriever Club will be running in competition at MSC next Sunday, April 19.

So many people at MSC expressed interest in retrievers that the EAA has agreed to sponsor a demonstration resembling an actual field trial.

The trial will be held at MSC's Recreational Area (behind buildings 221 and 222), beginning at 1 pm. Some of the nation's top dogs will be on run during this trail.

Retriever trials normally involve tests on both land and water. Since there are no ponds on the MSC recreational site, however, the trials will be limited to land retrieves. The trial will consist of "marked retrieves", where the dogs see the bird fall and must remember their location, and "blind retrieves" where the dogs do not see the bird placed and must take handlers directions.

All of the dogs are of course AKC registered. To score well they must also have good memories (to recall the location of the birds in the "marked retrieves"), and must be willing to take directions. Some dogs lose points by being obstinant—they think they know better than their handlers where the birds have fallen in a "blind retrieve", and ignore the handler's commands.

Bill Chandler, of PPD, and President of the Lone Star Retrievers Club will compete his Amateur Field Champion, Waccanaw's Tinker. Tinker achieved the rare distinction of qualifying for the '67 National Amateur Championship Stakes when he was only three years old. He also qualified for the '68 and '69 Nationals. In 1968 he won the high point trophy in the SW Field Trial Circuit and the 1968 Texas Open Championship.

Wayside Black Buster, owned by Jon Morar, of the Crew Systems Division, will be going to the '70 National Amateur Championship Stake to be held in Washington State. Buster will be competing on Sunday, too.

Following the trial, LSRC members will be available to discuss the club, training methods, and answer questions. Bill Chandler, x4771, or Jon Morar, x3871, will be glad to answer any questions about the Club or the Trial.



Wayside Black Buster and Waccanaw's Tinker are two Championship retrievers which will enter the exhibition of competition field trials.

Aero Club to begin new ground school

The Aero Club is always looking for new members wishing to learn the joy of flying. Recent publicity has stressed the two retractable-gear Bonanzas in the Club stable. The Cessna 150 and 172 aircraft are used for flight training and local cross-country excursions. The club has six instructors eager to teach the novice pilot. Each club plane is rented on an hourly basis at low rates, possible because of the non-profit status of the club.

The ground school, where such fundamentals as navigation, weather, radio operation, and preflight procedures are taught, meets at MSC at a time agreeable to all participants. Manuals and instruction booklets can be purchased through the club secretary.

Persons interested in joining the Aero Club and entering the ground school should contact Harold Shelton at x4701 or 932-4315 (League City)

Neither rain nor . . .

Even drizzling skies couldn't discourage some 300 youngsters from having a good time at the EAA Egg Hunt. In spite of soggy shoes, none of the children seemed much daunted. Hal Hunt, alias "Happy" Easter, was there in his clown costume, dispensing balloons and entertaining the children

waiting for their hunts to begin.

The eggs were cooked at the Baytown Rod, Reel and Gun Club, then colored by local chapter members of Beta Sigma Phi sorority. The huge cooking vats were originally built to boil large quantities of seafood, but turned out to be perfect for the new job.

EAA vice-president Helon Crawford then lugged crates of the finished eggs back to the MSC cafeteria refrigerators for storage.

Phyllis and Ron Hayes handled the prizes for each age group, and H. T. Christman and Boy Scouts from the Harris County Boy's School, troop 950 helped with the cleanup.

In addition to these workers, Dave Bell would also like to thank Marie Wilmeth, Dennis Doherty, Ogie McCommis, and Martha Caballero for their help in providing a good time for all the children.



Beth Nolan and Jana Sampson gaze with wonder at Hal Hunt, alias "Happy" Easter, who clowned it up for the children. (Photo by F. D. Nolan)



They're off!! Youngsters scramble for eggs and prizes at the MSC Egg Hunt. (Photo by F. D. Nolan)

Your Job in Focus

LEAVE

It's not too early to start making plans for vacation leave. Early planning will help supervisors to make plans to provide adequate workload coverage. Proper planning will also prevent loss of leave at the end of the year.

The many military reservists who will be going on temporary reserve duty must apply for military leave. A Standard Form 71 (SF-71) must be submitted to the supervisor, along with a copy of official orders. Upon completion of military leave, official evidence of performance of such duty must be submitted to the Payroll Office to substantiate the original request for leave.

DESIGNATION OF BENEFICIARIES

Make it a habit to review your position regarding Federal Employee Group Life Insurance (FEGLI), NASA Group Life Insurance, retirement benefits, and unpaid compensation periodically, to be sure that all designations of beneficiaries are as you want them. There have been occasions when employees failed to change beneficiaries to suit altered circumstances.

You should also know that designations of beneficiary for FEGLI and unpaid compensation are automatically canceled when you change agencies.

Except for NASA Home Life Insurance, you do not have to name a beneficiary if you are satisfied to have these benefits paid in the order of precedence provided by law; that is (1) widow or widower; (2) child or children in equal shares; (3) parents in equal shares or the entire amount to the surviving parent; (4) duly appointed executor or administrator of your estate; (5) next of kin under the laws of your domicile at the time of your death. If you want to name a beneficiary or change the designation, you may obtain the necessary forms from the Personnel Division, Administration Section, x7381.

Courtesy Motorboat Examinations

Flotilla 68 of the U. S. Coast Guard Auxiliary will continue the courtesy boat examinations as sponsored by the E.A.A. last month.

C. E. station will be at Cliff's Marina on NASA Road 1, about two miles east of MSC, Sunday, April 12, from 9:30 a.m. until 4:30 p.m. Boats may be on trailers or in the water at dockside. If a pleasure boat doesn't pass the courtesy examination, the auxiliary will make recommendations to the boat owner. No record is kept.

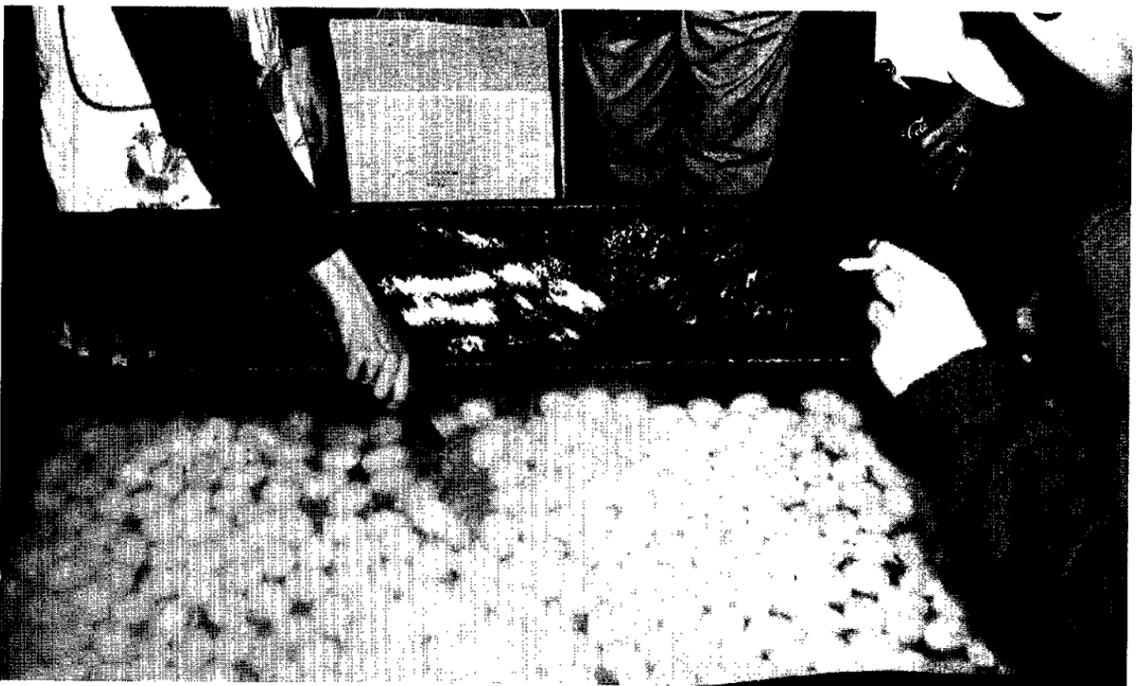
If a boat wears a 1970 U.S.C.G.A. examination decal, it is not likely to be boarded by the Coast Guard boarding teams operating in this area except for operational violations.

Be right and safe with a Coast Guard Auxiliary courtesy examination. For more information call J. Bailey—x7581 or 877-4898.

ROUNDUP 

NASA MANNED SPACECRAFT CENTER HOUSTON, TEXAS

Editor Sally LaMere
Staff Photographer A. "Pat" Patnesky



250 dozen eggs and six-foot long vats of boiling water were tools of the trade for workers getting ready for the EAA Easter Egg Hunt.